SENNIGER, POWERS, LEAVITT & ROEDEL ATTORNEYS AT LAW

FRANK R. AGOVINO DERICK E. ALLEN ROBERT M. BAIN IAMES I. BARTA, IR. G. HARLEY BLOSSER JOHN M. BODENHAUSEN RICHARD L. BRIDGE SARAH J. CHICKOS J. BENNETT CLARK JENNIFER E. COOK DAVID E. CRAWFORD, JR. MATTHEW L. CUTLER JAMES E. DAVIS KATHRYN J. DOTY ROBERT M. EVANS, JR. PAUL I.J. FLEISCHUT MICHAEL E. GODAR CHRISTOPHER M. GOFF DAVID W. HARLAN JAMES D. HARPER

EDWARD J. HEJLEK KAREN Y. HUI KURT F. JAMES VINCENT M. KEIL ANTHONY R. KINNEY BRIAN P. KLEIN WILLIAM E. LAHEY JULIE J. McMURRY MICHAEL G. MUNSELL DEBRA D. NYE WILLIAM D. O'NEILL KATHLEEN M. PETRILLO LAURA R. POLCYN KEITH A. RABENBERG STEVEN M. RITCHEY JOHN K. ROEDEL, JR. RICHARD A. SCHUTH MICHAEL J. THOMAS DONALD W. TUEGEL JACOB S. WHARTON

ONE METROPOLITAN SQUARE 16TH FLOOR ST. LOUIS, MISSOURI 63102 314-231-5400

FACSIMILE 314-231-4342 http://www.senniger.com

PATENTS, TRADEMARKS, COPYRIGHTS AND RELATED MATTERS

> OF COUNSEL IRVING POWERS DONALD G. LEAVITT

STUART N. SENNIGER (1921-1997)

RICHARD G. HEYWOOD

W ΠIJ <u>|</u>

UTILITY PATENT APPLICATION TRANSMITTAL (new nonprovisional applications under 37 CFR 1.53(b))

October 17, 2001

Attorney Docket Number: TKR 2050.1 First Named Inventor: Wayne M. Barnes

Title: DNA POLYMERASES WITH ENHANCED LENGTH OF PRIMER EXTENSION

Express Mail Label Number: EL 890727635 US

TO: **Assistant Commissioner for Patents Box Patent Application** Washington, D.C. 20231

APPLICATION ELEMENTS

- 1. [X] Fee Transmittal Form (original and duplicate)
- 2. [] Applicant claims small entity status
- 3. [X] Specification [Total Pages 78]
- 4. [X]Drawings [Total Sheets 8]
- Oath or Declaration [Total Pages 3] 5.
 - [] Newly executed (original or copy) a. New (unexecuted)
 - b. [X] Copy from a prior application (for continuation/divisional with Box 19 completed)
 - i. [] DELETION OF INVENTOR(s) Signed statement attached deleting inventor(s) named in prior application.



FEE TRANSMITTAL

Application Number TBA
Filing Date October 17, 2001
Confirmation No. TBA
Inventor(s) Wayne M. Barnes
Group Art Unit TBA
Examiner Name TBA Attorney Docket Number TKR 2050.1

		METHOD OF PAYMENT
1.	[]	The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 19-1345.
	[]	The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 19-1345.
	[]	Applicant claims small entity status.
2.	[x]	Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 19-1345.
		FEE CALCULATION
1.	[x]	BASIC FILING FEE Subtotal (1) \$ 740.00 (Type: continuation)
2.	[x]	EXTRA CLAIM FEES Subtotal (2) \$ 264.00
		Total Claims <u>30</u> Independent Claims <u>4</u> Multiple Dependent Claims
3.	[]	ADDITIONAL FEES Subtotal (3) \$
ì		 Surcharge - late filing fee or oath Surcharge - late provisional filing fee or cover sheet Extension for reply within month Notice of Appeal Filing a Brief in Support of an appeal Request for ex parte Reexamination Petitions to the Commissioner Submission of Information Disclosure Statement Recording each patent assignment per property Request for Continued Examination Other:

TOTAL AMOUNT OF PAYMENT \$ 1,004.00

G. Harley Blosse, Reg. No. 33,650

GHBskg

Express Mail Label No. El 890727635 US

6.	decla disclo	Incorporation By Reference (useable if Box 5b is marked) entire disclosure of the prior application, from which a copy of the oath or aration is supplied under Box 5b, is considered as being part of the osure of the accompanying application and is hereby incorporated by ence therein.
7.	[X]	Application Data Sheet
8.		CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9.	[X]	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
		 a. [] Computer Readable Form b. [x] Specification Sequence Listing on: i. [] CD-ROM or CD-R (2 copies); or ii. [x] paper c. [] Statements verifying identity of above copies
		ACCOMPANYING APPLICATION PARTS
10.	[X]	Assignment Papers (cover sheet & document(s))(COPY FROM PARENT)
11.	[]	37 CFR 3.73(b) Statement [] Power of Attorney
12.	[]	English Translation Document (if applicable)
13.	[]	IDS with PTO-1449 [] Copies of IDS Citations
14.	[X]	Preliminary Amendment
15.	[X]	Return Receipt Postcard
16.	[]	Request and Certification for Non-Publication. Form PTO/SB/35 is attached.
17.	[]	Certified Copy of Priority Document(s) if foreign priority is claimed
18.	[]	Other:
		IF A CONTINUING APPLICATION, CHECK APPROPRIATE BOXES AND SUPPLY THE REQUISITE INFORMATION
19.	[X]	Continuation [] Divisional [] Continuation-in-Part of prior application No.: 08/931,818
	[]	Complete Application based on provisional Application No
. .		

Prior application information: Examiner: TBA Group Art Unit: TBA

CORRESPONDENCE ADDRES

20. Correspondence Address: Customer Number 321 Attention: G. Harley Blosser

Respectfully submitted,

G. Harley Blosser, Reg. No. 33,650

GHBskg